EU 666

ISSN 0043-1729

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Weed Abstracts

1992 Volume 41 Annual Indexes

Includes List of Source Journals

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Weed Abstracts

A monthly journal compiled from the CAB ABSTRACTS database.
Produced by the DIVISION OF CROP PROTECTION AND GENETICS

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Weed Abstracts

Volume 41

Prepared by

C·A·B INTERNATIONAL
DIVISION OF CROP PROTECTION AND GENETICS

1992

ISSN 0043–1729

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printed by

Unwin Brothers Ltd, The Gresham Press, Old Woking, Surrey, UK
A Member of the Martins Printing Group

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The journal is available at a special rate to subscribers in countries which make a financial contribution to C:A:B International. Orders and enquiries concerning subscriptions and back numbers should be sent to the Distribution Manager, Marketing and Distribution Services at the above address.

The Department of Crop Protection also prepares: *Review of Agricultural Entomology, Review of Plant Pathology, Nematological Abstracts* and *Seed Pathology and Microbiology*.

How to use Weed Abstracts

● Either BROWSE, using the CONTENTS

Within each issue, records are sequenced according to their principal subject matter – see CONTENTS page.

About half the records concern weed control in the field and are arranged by CROP, so browsing is particularly useful to crop specialists.

The more general headings in the CONTENTS include records that cannot easily be assigned to a single crop.

● Or SEARCH, using the INDEXES

Subject indexes and author indexes are compiled monthly and cumulated annually.

SUBJECT INDEX

This guides the user to all the records that make significant reference to specific topics, including the following:

WEED SPECIES

Scientific names are used. These entries provide detailed indexing of control, biology, ecology and utilization.

CROP SPECIES

English common names are used for major crops, scientific names for minor crops and other plants. Weed control and weed/crop relations are fully indexed.

HERBICIDES AND GROWTH REGULATORS

These are indexed under their common names (see list at the back of each journal issue), or under chemical names if common names have not been assigned.

COUNTRY OR REGION

For records where geographical occurrence is of relevance.

OTHER HEADINGS

The main ones are listed here. Scan the ANNUAL INDEX for a more complete picture.

Algae
Allelopathins
Application
Bibliographies
Books
Conferences
Defoliants
Desiccants
Economics
Education
Flora
Glossaries
Herbicide resistant weeds
*Herbicides
Legislation
Molecular genetics
Mycoherbicides
Reports
Reviews
Statistics
Surveys
Techniques
Utilization
*Weeds

*Terms used to index records that do not refer to specific plants or chemicals.

AUTHOR INDEX

All authors of each paper are indexed alphabetically by surname. Variants of surnames are also indexed.

A TYPICAL RECORD

1) Abstract No.
2) Authors
3) English translation of title
4) Title
5) Journal or other document
6) (Year) Volume (Part) pages
7) Language of text, any other language of summary
8) Address of first author
9) Abstract
10) Preferred name, if the author uses another name.

1 → **2811** SCHAAFSMA, A.H.; ROTTEVEEL, K. [Control 2
3 → **of *Prunus* with a clearing saw/sprayer combination.]**
4 → Prunus-bestrijding met behulp van bosmaaiersproeiers. 6
5 → *Nederlands Bosbouwtijdschrift* (1989) 61 (4) 122-125 [Nl, 7
8 → en] Vakgroep Bosbedrijfskunde, 'De Dorschkamp', Wageningen, Netherlands.

Two sprayers, the Enso and the Folsche, mounted on a Husqvarna clearing saw, were tested in second control
9 → operations in a *Pinus nigra* stand in the Netherlands heavily infested with *Prunus serotina*. Roundup [glyphosate] 10
was used as the herbicide. In the first trial, glyphosate was applied in May and results were evaluated in Oct. Regrowth was 44 and 31% for Enso and Folsche respectively. The results were not strictly comparable, Enso being poorly suited to sprouts >25 mm diam., and Folsche missing many of the smaller sprouts, taking more time and using more herbicide.

The title should be read as an integral part of the abstract.

Unless otherwise stated, rates of application for growth-regulator herbicides such as 2,4-D, MCPA, fenoprop, dalapon, the benzoics etc. are given as the acid equivalent. Rates for other herbicides such as ureas, carbamates, triazines etc. are given as the active ingredient. Rates for the bipyridyls refer to the cation only.

TO OBTAIN A COPY OF THE ORIGINAL ITEM

Use the CAB International Document Delivery Service. A form is printed in this issue.

LIST OF JOURNALS CITED

The annual indexes include an alphabetical list of all journals cited during the year.

ABBREVIATIONS

A number of easily understood abbreviations are used (e.g. sp., species). The following are also used.

a.e.	acid equivalent	ED	effective dose	pre-em.	pre-emergence
a.i.	active ingredient	EM	electron microscope	RH	relative humidity
conc.	concentrated	FW	fresh weight	SEM	scanning electron microscope
concn	concentration(s)	LC	lethal concentration	ULV	ultralow volume
DM	dry matter	LD	lethal dose	w.p.	wettable powder
DW	dry weight	OM	organic matter		
e.c.	emulsifiable concentrate	post-em.	post-emergence		

In abbreviations for languages an initial capital denotes the language of the paper, an initial small letter the language of the summary:

Af	Afrikaans	En	English	Ja	Japanese	Pt	Portuguese
Al	Albanian	Eo	Esperanto	Ko	Korean	Ro	Romanian
Ar	Arabic	Es	Spanish	La	Latin	Ru	Russian
Az	Azerbaijani	Fi	Finnish	Li	Lithuanian	Sh	Serbo-Croat (either script)
Be	Byelorussian (White Russian)	Fr	French	Lv	Latvian	Sk	Slovak
Bg	Bulgarian	Gr	Greek	Ma	Macedonian	Sn	Slovene
Ch	Chinese	He	Hebrew	My	Malay and Bahasa Malaysia	Sv	Swedish
Cs	Czech	Hu	Hungarian	Nl	Dutch, Flemish	Ta	Tajik
Da	Danish	Ia	Interlingua	No	Norwegian	Tr	Turkish
De	German	In	Indonesian	Pe	Persian	Uk	Ukrainian
Ee	Estonian	Is	Icelandic	Pl	Polish		
		It	Italian				

CAB International Division of Crop Protection and Genetics
How the crop protection abstract journals are compiled

Review of Agricultural Entomology
Review of Plant Pathology
Nematological Abstracts
Weed Abstracts

Their purpose

These four journals are designed to keep readers in touch with developments in the crop protection sciences, by abstracting the more important world scientific literature and by publishing review articles. A calendar of crop protection events is included. The abstracts are intended to be full enough for readers to decide whether they need to see the original documents.

The scale and diversity of the agricultural source literature

Over 10,000 journals and other serial publications on agriculture and allied disciplines are received regularly by CAB International; these comprise more than 50,000 documents annually. Over 3000 books and other non-serials are also received each year. Publications are received from some 150 countries, in more than 50 languages. Even though English is increasingly the international language of science, some 40% of the literature is in other languages.

Scanning and abstracting the source literature of crop protection

All these documents are scanned by CABI subject specialists and are available to the CABI Division of Crop Protection and Genetics. About 3000 journals, and numerous new books, are scanned regularly in the Division whose staff includes specialists in entomology, plant pathology, nematology, weed science, plant genetics and also linguists.

These specialists identify items within the scope of the four crop protection journals – broadly, scientific documents about agriculturally significant pests (invertebrates, plant pathogens and weeds), beneficial organisms, and relevant crop protection practices and products.

For each item, a record is created consisting of:
- bibliographic information
- an abstract, in English
- subject coding
- index terms.

The CAB ABSTRACTS database

These records are added to the CAB ABSTRACTS bibliographic database. This machine-readable database contains all records published since 1973 in about 50 CABI abstract journals. The total of over 2 million records is growing by more than 150,000 new records per year, of which more than 20,000 per year are on crop protection. The database is available to users for retrospective retrieval and for maintaining current awareness of literature on defined topics. See separate page, and inside back cover.

The crop protection abstract journals

At intervals, relevant records newly added to the database are selected and become the basis for a new issue of one of the crop protection journals. Records are sorted into a standard sequence within each journal issue, according to subject matter. An author index and a subject index are generated. Cumulative indexes are generated at the end of each year.

Scientific links

Each of the four crop protection journals has its own international Editorial Advisory Board of subject specialists. Their members advise on the content and development of the journals, and commission review articles of topical interest.

The CABI Division of Crop Protection and Genetics maintains close contact with the International Institute of Entomology (IIE), the International Mycological Institute (IMI), the International Institute of Parasitology (IIP) and the International Institute of Biological Control (IIBC). These links are especially important in providing the authority for the preferred names of pest organisms used in the journal indexes. IIBC is responsible for compiling the related abstract journal *Biocontrol News and Information*.

The Division of Crop Protection and Genetics is also in close contact with subject specialists in the four other Divisions of the CABI Information Services who compile 45 abstract journals covering the rest of agriculture, forestry and allied disciplines. Comments from users are always welcome. Please write to Mr Geoffrey A. Viney, Division of Crop Protection and Genetics, CAB International, Wallingford, Oxon OX10 8DE, UK.

Retrieving records on crop protection from the CAB ABSTRACTS database

The CAB ABSTRACTS database gives access to all records published since 1973 in *Review of Plant Pathology, Review of Agricultural Entomology, Nematological Abstracts, Weed Abstracts, Biocontrol News and Information* and the other CAB International abstract journals.

The database provides a powerful tool for retrieving:

- records from any one of the CONTENTS headings or their subdivisions (more than 200 subdivisions are explained in *CAB ABSTRACTS Online Manual*).

- records containing, for example:
  - an author's name
  - a plant name
  - a pest name (invertebrate, plant pathogen or weed)
  - a country name
  - a vector name
  - the name of a beneficial organism
  - an agrochemical name
  - a journal name
  - any chosen word or phrase (including any index phrase)
  - any combination of these.

Retrieval can be:

- ONLINE, using a personal computer or terminal, linked to the telephone system. Output can be printed and mailed to you or, subject to certain conditions, downloaded for local processing.

- From CD-ROM. CAB ABSTRACTS data for 1984–1991 are available on CD-ROM.

- By CAB International, who can hold a profile of your interests and send you relevant records on paper or on floppy disks. This can be done once or as a regular monthly service.

Further information is available from any of the CAB International offices.

Full particulars of online hosts are given in the CAB International Information Services Catalogue, available free on request.

Three database guides of particular interest to users of the CAB ABSTRACTS database are:

- *CAB ABSTRACTS Online Manual*, 1989 Edition. A detailed guide to online retrieval.

- *CAB Thesaurus*, 1990 Edition. A hierarchical list of terms used in indexing all the 50 CAB International abstract journals and the AGRICOLA database of the National Agricultural Library of the USA.

- *CAB International Serials Checklist*, 1988. A list of all titles regularly scanned by CAB International.

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LIST OF SERIALS ABSTRACTED

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Many other serials were scanned during 1992 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSNs and publishers' addresses.

ACIAR Food Legume Newsletter
ACIAR Proceedings Series
ACS Symposium Series
Acta Academiae Agriculturae ac Technicae Olstenensis, Agricultura
Acta Agriculturae Shanghai
Acta Agronómica, Universidad Nacional de Colombia
Acta Botanica Indica
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Botanica Yunnanica
Acta Horticulturae
Acta Oecologica
Acta Pharmaceutica Nordica
Acta Physiologiae Plantarum
Acta Phytophysiologica Sinica
Acta Prataculturae Sinica
Acta Scientifica, Vysoká Škola Zemědělská v Praze Fakulta Agronomická v Českých Budějovicich
Acta Seriologica Sinica
Acta Universitatis Agriculturae, Facultas Agronomica
Advances in Applied Microbiology
Aerobiologia
AgBiotech News and Information
Agnote (Darwin)
Agrarokologie
Agricoltura Mediterranea
Agricultual Science Digest (Karnal)
Agricultura em Sao Paulo
Agricultural and Biological Chemistry
Agricultural Economics
Agricultural Engineer
Agricultural Research (Washington)
Agricultural Reviews (Karnal)
Agricultural Science
Agricultural Science Digest (Karnal)
Agricultural Science in Finland
Agricultural Sciences
Agricultural Systems
Agriculture and Horticulture
Agriculture and Human Values
Agriculture in Northern Ireland
Agriculture, Ecosystems & Environment
Agro-Industry Hi-Tech
Agrochimica
Agroforestry Systems
Agrokémia és Talajtan
Agrokhimiya
Agronomía Tropical (Maracay)
Agronômico
Agronomie
Agronomy Journal
Agrotecnica de Cuba
AIAS Occasional Publication
Allgemeine Forstzeitschrift
Alternativ Odling
AMA, Agricultural Mechanization in Asia, Africa and Latin America
Ambio
American Journal of Agricultural Economics
American Journal of Botany
American Journal of Epidemiology
American Journal of Public Health
American Journal of Roentgenology
American Midland Naturalist
American Naturalist
American Potato Journal
American Review of Respiratory Disease
American Scientist
Anais da Escola Superior de Agricultura 'Luiz de Queiroz'
Analele Institutului de Cercetări pentru Protectia Plantelor
Anales del Instituto de Biologia. Serie Botanica
Analyst
Analytical Chemistry (Washington)
Analytical Letters
Andrologia
Angewandte Botanik
Annales Agriculturae Fenniae
Annales de l'Institut Phytopathologique Benaki
Annales des Sciences Forestières
Annales Universitatis Mariae Curie-Skłodowska. Sectio C, Biologia
Annales Universitatis Mariae Curie-Skłodowska. Sectio E, Agricultura
Annali dell'Istituto Sperimentale Agronomica
Annali dell'Istituto Sperimentale per la Meccanizzazione Agricola
Annali della Facoltà di Agraria, Università Cattolica del Sacro Cuore Milano
Annali della Facoltà di Scienze Agrarie della Università degli Studi di Napoli, Portici.
Annals of Agricultural Research
Annals of Agricultural Science (Cairo)
Annals of Applied Biology
Annals of Botany
Annals of Plant Physiology
Annals of the Entomological Society of America
Annual Report of the Hokkaido Research Center, Forestry and Forest Products Research Institute
Annual Report of the Society of Plant Protection of North Japan
Annual Report of the Tokyo Metropolitan Research Laboratory of Public Health
Annual Research Report - Institute for Commercial Forestry Research
Annual Review of Ecology and Systematics
Annual Review of Entomology
Annual Review of Plant Physiology and Plant Molecular Biology
Antibiotiki i Khimioterapiya
Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz
Applied and Environmental Microbiology
Applied Biochemistry and Biotechnology
Applied Engineering in Agriculture
Applied Entomology and Zoology
Applied Ergonomics
Applied Microbiology and Biotechnology
Applied Plant Science
Aquatic Botany
Aquatic Toxicology
Arab Journal of Plant Protection
Arastırma Yayınları Serisi Yayın
Arboricultural Journal
Archiv für Phytopathologie und Pflanzenschutz
Archives of Biochemistry and Biophysics
Archives of Dermatology
Archives of Environmental Contamination and Toxicology
Archives of Toxicology
Arkansas Farm Research
Arkhiv Patologii
Arroz en las Americas
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
AT - Source
Australian & New Zealand Wine Industry Journal
Australian Forestry
Australian Journal of Agricultural Research
Australian Journal of Chemistry
Australian Journal of Ecology
Australian Journal of Experimental Agriculture
Australian Journal of Plant Physiology
Australian Journal of Zoology
Australian Veterinary Journal
Avance Agroindustrial
Avichal Science Foundation Science Series
Bangladesh Journal of Microbiology
Bangladesh Journal of Scientific and Industrial Research
Bano Biggyan Patrika
Beiträge für die Forstwirtschaft
Beiträge zur Entomologie
Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin
Berichte aus dem Fachgebiet Herbologie der Universität Hohenheim
Bharatiya Sugar
Bhartiya Krishi Anusandhan Patrika

Bibliographie der Pflanzenschutzliteratur
Bio/Technology
Biochemical and Biophysical Research Communications
Biochemical Pharmacology
Biochemical Society Transactions
Biochemical Systematics and Ecology
Biochemistry (Washington)
Biochemistry International
Biochimica et Biophysica Acta, Bioenergetics
Biocontrol News and Information
Biocontrol Science and Technology
Biodegradation
Biofutur
Biológia (Bratislava)
Biologia Plantarum
Biological Agriculture & Horticulture
Biological Conservation
Biological Control
Biological Journal of the Linnean Society
Biological Mass Spectrometry
Biologicheskiĭ Zhurnal Armenii
Biologisches Zentralblatt
Biologist (London)
Biology and Fertility of Soils
Biology Bulletin of the Academy of Sciences of the USSR
Biology Journal of the Linnean Society
Biology of the Cell
Biomedical and Environmental Sciences
Biomedical Chromatography
Biomedical Letters
Bioresource Technology
BioScience
Biotech Forum Europe
Biotechnology and Development Monitor
Biotechnology Letters
Biotechnology Techniques
BIOTROP Special Publication
Biotropia
Bioved
Bishop Museum Occasional Papers
Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
Blyttia
Bodenkultur
Boletín de la Sociedad Botánica de México
Botanica Acta
Botanical Bulletin of Academia Sinica
Botanical Gazette (Chicago)
Botanikai Közlemények
Bothalia
BPP, Buletinul de Protectia Plantelor
Bragantia
British Journal of Industrial Medicine
BSES Bulletin
Buletin Perkebunan
Buletinul Institutului Agronomic Cluj-Napoca, Seria Agricultură
Bulletin - Agricultural Experiment Station, University of Illinois at Urbana-Champaign
Bulletin - Mississippi Agricultural and Forestry Experiment Station
Bulletin - Virginia Agricultural Experiment Station
Bulletin d'Information - CORESTA
Bulletin de la Société Botanique de France, Actualités Botaniques
Bulletin de la Société Botanique de France, Lettres Botaniques
Bulletin des Recherches Agronomiques de Gembloux
Bulletin Écologie
Bulletin OEPP
Bulletin of Analysis & Testing
Bulletin of Animal Health and Production in Africa
Bulletin of Entomological Research
Bulletin of Environmental Contamination and Toxicology
Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of the Agricultural Chemicals Inspection Station, Tokyo
Bulletin of the Botanical Society of Bengal
Bulletin of the Chiba-ken Agricultural Experiment Station
Bulletin of the Entomological Society of New Zealand
Bulletin of the Faculty of Agriculture, University of Cairo
Bulletin of the Hokuriku National Agricultural Experiment Station
Bulletin of the Kyoto University Forests
Bulletin of the Torrey Botanical Club
Bulletin of the University of Osaka Prefecture, B (Agriculture and Biology)
Bulletin SROP
Bunseki Kagaku = Journal of Japanese Society for Analytical Chemistry
Byulleten' Moskovskogo Obshchestva Ispytateleĭ Prirody, Biologicheskiĭ
Café, Cacao, Thé
California Agriculture
California Fish and Game
California Turfgrass Culture
Canadian Agricultural Engineering
Canadian Entomologist
Canadian Family Physician
Canadian Farm Economics
Canadian Journal of Botany
Canadian Journal of Forest Research
Canadian Journal of Microbiology
Canadian Journal of Plant Pathology
Canadian Journal of Plant Science
Canadian Journal of Soil Science
Canadian Patent Application
Cell (Cambridge)
Centro Agrícola
Cercetări Agronomice în Moldova
Cereal Research Communications
Československá Státní Norma
Chemical and Pharmaceutical Bulletin
Chemical Regulation of Plants
Chemico-Biological Interactions
Chemistry and Industry (London)
Chemistry of Natural Compounds
Chemosphere
Chest
Chinese Journal of Biological Control
Chinese Journal of Entomology
Chinese Journal of Public Health
Chromatographia
Chromosoma
Ciencia del Suelo
Ciencia y Técnica en la Agricultura, Arroz
Ciencia y Técnica en la Agricultura, Cítricos y Otros Frutales
Ciencia y Técnica en la Agricultura, Protección de Plantas
Circular - College of Agriculture, University of Illinois at Urbana-Champaign
Circular - Fundação Instituto Agronômico do Paraná
Circular Técnica - Instituto de Pesquisas e Estudos Florestais
Colección Información Técnica Agraria. Serie Ganaderia
Coleopterists Bulletin
Collection of Czechoslovak Chemical Communications
Colloques de l'INRA
Combined Proceedings - International Plant Propagators' Society
Comments from CAST
Committee Paper - Sugar Beet Research and Education Committee
Commonwealth Forestry Review
Communicationes Instituti Forestalis Čechosloveniae
Communications in Soil Science and Plant Analysis
Compact Fruit Tree
Comparative Biochemistry and Physiology. C, Comparative Pharmacology and Toxicology
Comparative Physiology and Ecology
Compte Rendu des Essais - Union Nationale Interpforessionnelle des Légumes Transformés
Comptes Rendus de l'Académie d'Agriculture de France
Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de la Vie
Computers and Electronics in Agriculture
Conservation Biology
Contact Dermatitis
Contributii Botanice, Universitatea Cluj-Napoca, Grădina Botanică
Cooperative Sugar
CRC Critical Reviews in Food Science and Nutrition
Crop Protection
Crop Research (Hisar)
Crop Science
Cruciferae Newsletter
Cuban Journal of Agricultural Science
Cultivar (Paris)
Current Genetics
Current Microbiology
Current Nematology
Current Opinion in Genetics & Development
Current Research - University of Agricultural Sciences (Bangalore)
Current Science
Cytotechnology
Danish Journal of Plant and Soil Science - Special Series Report
Dermatología, Revista Mexicana
Deutsche Baumschule
Deutsche Norm
Difesa delle Piante
Dissertation Abstracts International. A, Humanities and Social Sciences
Dissertation Abstracts International. B, Sciences and Engineering
Divisional Note - Silsoe Research Institute
DLG-Mitteilungen
Documentos - Empresa Capixaba de Pesquisa Agropecuária
Documentos, Centro Nacional de Pesquisa de Soja, EMBRAPA
Doğa, Türk Botanik Dergisi
Doğa, Türk Tarım ve Ormancılık Dergisi
Doklady Vsesoyuznoĭ Ordena Lenina i Ordena Trudovogo Krasnogo Znameni Akademii Sel'skokhozyaĭstvennykh Nauk Imeni V.I. Lenina
Doklady, Biological Sciences
Doklady, Botanical Sciences
Drug Metabolism and Disposition
Duta Rimba
Ecol News
Ecological Entomology

Ecological Modelling
Ecological Monographs
Ecological Research
Ecology
Economic Botany
Ecotoxicology and Environmental Safety
Egyptian Journal of Botany
Egyptian Journal of Horticulture
Eisei Kagaku = Japanese Journal of Toxicology and Environmental Health
Ekologija
Electrophoresis
EMBO Journal
Entomologia Experimentalis et Applicata
Entomological News
Entomon
Entomophaga
Environment and Ecology
Environmental and Experimental Botany
Environmental Conservation
Environmental Entomology
Environmental Health Criteria
Environmental Health Perspectives
Environmental Management
Environmental Pollution
Environmental Research (New York)
Environmental Science & Technology
Environmental Technology
Environmental Toxicology and Chemistry
Environmental Toxicology and Water Quality
Ernstia
Euphytica
EUR Publication
European Journal of Biochemistry
Experientia
Experimental & Applied Acarology
Experimental Agriculture
Extension Bulletin - Cooperative Extension, College of Agriculture & Home Economics, Washington State University
FABIS Newsletter
FAO Plant Production and Protection Paper
FAO Plant Protection Bulletin
Farmers Weekly
Farmers' Newsletter
FEBS Letters
Feddes Repertorium
FEMS Microbiology Ecology
Fertilizer Research
Field Crops Research
Fiziologiya i Biokhimiya Kul'turnykh Rasteniĭ
Fiziologiya na Rasteniyata
Fiziologiya Rasteniĭ
Flora (Jena)
Florida Entomologist
Fluoride
Folia Entomologica Hungarica
Food and Agricultural Immunology
Forensic Science International
Forest Ecology and Management
Forest Science
Forestry Research Report - Smurfit Group, plc
Forêt Méditerranéenne
Forschungsbericht Agrartechnik des Arbeitskreises Forschung und Lehre der Max-Eyth-Gesellschaft (MEG)
Forsttechnische Informationen
Fortschutz Aktuell
Fourrages
Fragmenta Entomologica
Fragmenta Floristica et Geobotanica
Fragmenta Herbologica Jugoslavica
FRDA Research Memo (Victoria, B.C.)
Free Radical Research Communications
Fresenius' Journal of Analytical Chemistry
Freshwater Biology
FRI Bulletin
Fruits (Paris)
Functional Ecology
Fundamental and Applied Toxicology
Game Conservancy Review
Gartenbauwissenschaft
Gatekeeper Series - Sustainable Agriculture Programme, International Institute for Environment and Development
Gemüse
Gene
General Technical Report - Intermountain Research Station, USDA Forest Service
Genes & Development
Genetica Polonica
Genetics
Genome
Gesunde Pflanzen
Gigiena i Sanitariya
Gorteria
Grøn Viden, Havebrug
Grass and Forage Science
Groenten en Fruit
Ground Water
Gujarat Agricultural University Research Journal
Gunma Journal of Agricultural Research, A, General
Hanguk Nonghwahak Hoechi
Haryana Agricultural University Journal of Research
Haryana Journal of Agronomy
Haryana Journal of Horticultural Sciences
Hazardous Waste & Hazardous Materials
Hepatology (Baltimore)
Herba Hungarica
Heredity
HGCA Project Report
HGCA Research Review
Highlights of Agricultural Research in Ontario
Himachal Journal of Agricultural Research
Holzzucht
Horticulture Française
Horticulture in New Zealand
HortScience
HRC, Journal of High Resolution Chromatography
Human & Experimental Toxicology
Hungarian Agricultural Engineering
Hydinárstvo - Vedecké Práce VÚH
Hydrobiologia
IAHS Publication
IAR Newsletter of Agricultural Research
Indian Agriculturist
Indian Botanical Reporter
Indian Cocoa, Arecanut and Spices Journal
Indian Farming
Indian Forester
Indian Horticulture
Indian Journal of Agricultural Sciences
Indian Journal of Agronomy
Indian Journal of Animal Sciences
Indian Journal of Applied and Pure Biology
Indian Journal of Dryland Agricultural Research and Development
Indian Journal of Ecology
Indian Journal of Experimental Biology
Indian Journal of Forestry
Indian Journal of Horticulture
Indian Journal of Mycology and Plant Pathology
Indian Journal of Natural Rubber Research
Indian Journal of Plant Physiology
Indian Journal of Plant Protection
Indian Journal of Weed Science
Indian Perfumer
Indian Phytopathology
Indonesian Agricultural Research and Development Journal
INFORM - International News on Fats, Oils and Related Materials
Informaciones Técnicas - Departamento de Agricultura, Ganadería y Montes, Diputación General de Aragón
Informatore Agrario
Informatore Fitopatologico
Informe de Investigación - Monterrey Forestal Ltda
Infos (Paris)
Inligtingsbulletin - Navorsingsinstituut vir Sitrus en Subtropiese Vrugte
Insect Science and its Application
Interciencia
International Arachis Newsletter
International Biodeterioration and Biodegradation
International Journal of Ecology and Environmental Sciences
International Journal of Environment and Pollution
International Journal of Environmental Analytical Chemistry
International Journal of Legal Medicine
International Journal of Pharmacognosy
International Journal of Tropical Agriculture
International Pest Control
International Pigeonpea Newsletter
International Rice Research Newsletter
Internationale Revue der Gesamten Hydrobiologie
Investigación Agraria, Producción y Protección Vegetales
IPM Practitioner
Iranian Journal of Plant Pathology
IRRI Research Paper Series
Irrigation and Drainage Systems
Israel Journal of Veterinary Medicine
Izvestiya Akademii Nauk Moldavskoĭ SSR. Biologicheskie i Khimicheskie Nauki
Izvestiya Akademii Nauk SSSR. Seriya Biologicheskaya
Izvestiya Akademii Nauk Turkmenskoĭ SSR, Seria Biologicheskikh Nauk
Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR. Seriya Biologicheskikh Nauk
Izvestiya Timiryazevskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Japan Pesticide Information

Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Entomology
Japanese Journal of Limnology
Japanese Journal of Soil Science and Plant Nutrition
Japanese Journal of Tropical Agriculture
JARQ, Japanese Agricultural Research Quarterly
Jiangsu Agricultural Sciences
JIAS, Journal of the Iowa Academy of Science
Journal - Association of Official Analytical Chemists
Journal of Agricultural and Food Chemistry
Journal of Agricultural Economics
Journal of Agricultural Engineering Research
Journal of Agricultural Entomology
Journal of Agricultural of the University of Puerto Rico
Journal of Agricultural Research (Lahore)
Journal of Agricultural Research of China
Journal of Agricultural Science
Journal of Agriculture of the University of Puerto Rico
Journal of Agriculture, Western Australia
Journal of Agronomic Education
Journal of Agronomy and Crop Science
Journal of Analytical Chemistry of the USSR
Journal of Animal Ecology
Journal of Animal Science
Journal of Antibiotics
Journal of Applied Bacteriology
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Phycology
Journal of Applied Seed Production
Journal of Aquaculture in the Tropics
Journal of Aquatic Plant Management
Journal of Arboriculture
Journal of Basic Microbiology
Journal of Biogeography
Journal of Biological Chemistry
Journal of Biological Control
Journal of Biological Science Research
Journal of Chemical Ecology
Journal of Chromatographic Science
Journal of Chromatography
Journal of Chromatography, Biomedical Applications
Journal of Contaminant Hydrology
Journal of Controlled Release
Journal of Ecology (Beijing)
Journal of Ecology (Oxford)
Journal of Economic Entomology
Journal of Entomological Research
Journal of Entomological Science
Journal of Environmental Health
Journal of Environmental Horticulture
Journal of Environmental Management
Journal of Environmental Quality
Journal of Environmental Science and Health. Part A, Environmental Science and Engineering
Journal of Environmental Science and Health. Part B, Pesticides, Food Contaminants, and Agricultural Wastes
Journal of Environmental Science and Health. Part C, Environmental Carcinogenesis Reviews
Journal of Equine Veterinary Science
Journal of Evolutionary Biology
Journal of Experimental Animal Science
Journal of Experimental Botany
Journal of Fertilizer Issues
Journal of Food Protection
Journal of Forestry
Journal of Freshwater Ecology
Journal of General Microbiology
Journal of Heredity
Journal of Horticultural Science
Journal of Hydrology
Journal of Invertebrate Pathology
Journal of Japanese Botany
Journal of Liquid Chromatography
Journal of Maharashtra Agricultural Universities
Journal of Molecular Evolution
Journal of Natural Products
Journal of Nature Conservation
Journal of Nematology
Journal of Oilseeds Research
Journal of Pesticide Science
Journal of Pharmacology and Experimental Therapeutics
Journal of Pharmacy and Pharmacology
Journal of Phytological Research
Journal of Phytopathology
Journal of Plant Growth Regulation
Journal of Plant Nutrition
Journal of Plant Physiology
Journal of Production Agriculture
Journal of Range Management
Journal of Research APAU
Journal of Research, Birsa Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Shenyang Agricultural University
Journal of Soil and Water Conservation
Journal of Soils and Crops
Journal of Sugar Beet Research
Journal of Sustainable Agriculture
Journal of Taiwan Livestock Research
Journal of the Agricultural Society - University College of Wales
Journal of the American Mosquito Control Association
Journal of the American Society for Horticultural Science
Journal of the American Veterinary Medical Association
Journal of the Australian Entomological Society
Journal of the Elisha Mitchell Scientific Society
Journal of the Grassland Society of Southern Africa
Journal of the Indian Institute of Science
Journal of the Indian Potato Association
Journal of the Indian Society for Cotton Improvement
Journal of the Indian Society of Soil Science
Journal of the Institution of Water and Environmental Management
Journal of the Japanese Forestry Society
Journal of the Japanese Society of Agricultural Machinery.
Journal of the Korean Society of Grassland Science
Journal of the Lepidopterists' Society
Journal of the Mississippi Academy of Sciences
Journal of the National Cancer Institute
Journal of the National Science Council of Sri Lanka
Journal of the New York Entomological Society
Journal of the North American Benthological Society
Journal of the Science of Food and Agriculture
Journal of Toxicology and Environmental Health
Journal of Tropical Ecology
Journal of Veterinary Diagnostic Investigation
Journal of Weed Science
Journal of Wilderness Medicine
Kartofel' i Ovoshchi
Kartoffelbau
Kasetsart Journal, Natural Sciences
Kenya Coffee
Khimizatsiya Sel'skogo Khozyaĭstva
Khlopok
Koedoe
Korean Journal of Applied Entomology
Korean Journal of Crop Science
Korean Journal of Plant Pathology
Kormovye Kul'tury
Laboratory Practice
Lancet (British edition)
Landbauforschung Völkenrode
Landwirtschaft Schweiz
Lavoura Arrozeira
Leibigs Annalen der Chemie
Lens
Lesnoe Khozyaĭstvo
Lesovedenie
Leucaena Research Reports
Lietuvos TSR Aukštųjų Mokyklų Mokslo Darbai, Biologija
Lietuvos TSR Mokslų Akademijos Darbai, C Serija
Listy Cukrovarnické
Lotus Newsletter
Louisiana Agriculture
Lucrări Stiintifice, Institutul Agronomic "Nicolae Bălcescu", Bucuresti, Seria C, Medicină Veterinară
Macchine e Motori Agricoli - IMA - Il Trattorista
Madras Agricultural Journal
Majalah Perusahaan Gula
Malezas
Manejo Integrado de Plagas
MAPPS Newsletter
MARDI Research Journal
Materiały Sesji Instytutu Ochrony Roślin
Maydica
Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent
Mededelingen van het Centrum voor Onkruidonderzoek, Gent
Medicina del Lavoro
Medicine, Science and the Law
Medycyna Weterynaryjna
Mekhanizatsiya i Èlektrifikatsiya Sel'skogo Khozyaĭstva
Memoirs of the College of Agriculture, Kyoto University
Memoranda Societatis pro Fauna et Flora Fennica
Menara Perkebunan
Metodiky pro Zaváděni Výzkumu do Zemědělské Praxe
Microbios
Microbios Letters
Micronesia
Miscellaneous Publication - Texas Agricultural Experiment Station
Miscellaneous Publications of the Entomological Society of America
Miscellaneous Report - Cyperus Agricultural Research Institute
Mitteilungen der Deutschen Bodenkundlichen Gesellschaft
Molecular and General Genetics

Molecular Plant-Microbe Interactions
Monograph - British Crop Protection Council
Monograph - British Society for Plant Growth Regulation
Montana AgResearch
Moscow University Biological Sciences Bulletin
Mycological Research
Mycopathologia
Mysore Journal of Agricultural Sciences
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
Nachrichtenblatt Pflanzenschutz
Napjaink Biotechnológiája
National Academy Science Letters
Natural Areas Journal
Naturalia (São Paulo)
Nature (London)
Nauchno-Tekhnicheskiĭ Byulleten'Vsesoyuznogo Ordena Lenina i Ordena Druzhby Narodov Nauchno-Issledovatel'kogo Instituta Rastenievodstva Imeni N.I. Vavilova
Nauchnye Doklady Vysshei Shkoly, Biologicheskie Nauki
Nauka u Praksi
NCT Workshop Report
Nematologia Brasileira
Nematologia Mediterranea
Nematological Abstracts
Netherlands Journal of Plant Pathology
New Forests
New Phytologist
New Scientist
New York's Food and Life Sciences Bulletin
New Zealand Forestry
New Zealand Journal of Agricultural Research
New Zealand Journal of Botany
New Zealand Journal of Crop and Horticultural Science
New Zealand Journal of Ecology
New Zealand Journal of Forestry Science
New Zealand Veterinary Journal
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Nippon Nogeikagaku Kaishi
Nippon Sochi Gakkaishi = Journal of Japanese Society of Grassland Science
Nitrogen Fixing Tree Research Reports
Noma
Norma Brasileira Registrada
Norsk Landbruksforsking
Notas Técnicas - Facultad de Agronomía, Universidad de la Republica Montevideo
Növénytermelés
NTC Workshop Report
Nucleus (Calcutta)
OARDC Special Circular - Ohio Agricultural Research and Development Center
Obstbau (Bonn)
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Occasional Paper, National Horticultural Research Institute, Ibadan
Ochrona Roślin
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Oikos
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Olivae
Onderstepoort Journal of Veterinary Research
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Orissa Journal of Agricultural Research
Oryza
Outlook on Agriculture
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Pakistan Journal of Scientific and Industrial Research
Pamiętnik Puławski
Paper - American Society of Agricultural Engineers
Parasitica
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Petria
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Pflanzenschutzberichte
Pharmazie
Philippine Journal of Crop Science
Philippine Journal of Weed Science
Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences
PHM Revue Horticole
Photosynthesis Research
Photosynthetica
Physiologia Plantarum
Physiological and Molecular Plant Pathology
Phytochemistry
Phytocoenologia
Phytomorphology
Phyton (Buenos Aires)
Phytopathologia Mediterranea
Phytopathology
Phytophaga (Madras)
Phytoprotection
PKV Research Journal
Plant and Cell Physiology
Plant and Soil
Plant Breeding
Plant Cell
Plant Cell Reports
Plant Disease
Plant Genetic Resources Newsletter
Plant Growth Regulation
Plant Growth Regulator Society of America Quarterly
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Plant Science (Limerick)
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Plant, Cell and Environment
Planta
Planta Medica
Po'nohospodárstvo
Pochvovedenie
Point Vétérinaire
Pol'nohospodárstvo
Polarflokken
Pollution Atmospherique
Pomme de Terre Française
Preslia
Probleme de Agrofitotehnie Teoretică si Aplicată
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Proceedings - Annual Meeting Massachusetts Fruit Growers' Association Inc.
Proceedings - International Society for Optical Engineering
Proceedings - Soil and Crop Science Society of Florida
Proceedings and Papers of the Annual Conference of the California Mosquito and Vector Control Association, Inc.
Proceedings Annual Conference - Agronomy Society of New Zealand
Proceedings of the Annual Congress - South African Sugar Technologists' Association
Proceedings of the Annual Eastern Canada Workshop on Pesticide Residues and Environmental Contaminants
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Proceedings of the Entomological Society of Washington
Proceedings of the Indian Academy of Sciences, Plant Sciences
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Koninklijke Nederlands Akademie van Wetenschappen. Series C, Biological and Medical Sciences
Proceedings of the National Academy of Sciences of the United States of America
Proceedings of the New Zealand Grassland Association
Proceedings of the New Zealand Society of Animal Production
Professional Horticulture
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Progressive Farming
Progressive Fish-Culturist
Protoplasma
PSP Pflanzenschutz Praxis
Publication - Agriculture Canada (English ed.)
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Qatar University Science Bulletin
Quaderno GRIFA
Quarterly Journal of Forestry
RACHIS
Radovi Poljoprivrednog Fakulteta Univerziteta u Sarajevu
RAFI Communique
Rangelands
Rasteniev"dni Nauki
Regnum Vegetabile
Report - Centre for Agrobiological Research
Report - Northern Region, USDA Forest Service
Report of the Tokai Branch of the Crop Science Society of Japan

Research and Development Reporter
Research Bulletin - Central Agricultural Research Institute
Research Bulletin - Georgia Agricultural Experiment Stations
Research Communications in Chemical Pathology and Pharmacology
Research Note - Pacific Northwest Research Station, USDA Forest Service
Research Note - Pacific Southwest Forest and Range Experiment Station, USDA Forest Service
Research Note - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
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Review of Agricultural Economics
Review, Journal of the New Zealand Mountain Lands Institute
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Revista de Agricultura (Piracicaba)
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Revista del Jardín Botánico Nacional
Revista Fruitícola
Revista Industrial y Agrícola de Tucumán
Revue Horticole
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Scientia Agricultura Sinica
Scientific American
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Scottish Forestry
Seed Research
Seed Science and Technology
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Sexual Plant Reproduction
Shell Agriculture
Sibirskiĭ Biologicheskiĭ Zhurnal
Sibirskiĭ Vestnik Sel'skokhozyaĭstvennoĭ Nauki
Simiente
SLV Rapport
Soil & Tillage Research
Soil Biology & Biochemistry
Soil Science
Soil Science and Plant Nutrition
Soil Science Society of America Journal
Sorghum Newsletter
South African Forestry Journal
South African Journal of Botany
South African Journal of Plant and Soil
South African Journal of Science
South African Journal of Wildlife Research
South African Journal of Zoology
South Dakota Farm & Home Research
South Indian Horticulture
South Pacific Commission Information Document
Southern Journal of Agricultural Economics
Soviet Journal of Ecology
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Technical Note - Scottish Agricultural Colleges
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Technical Report - Department of Agriculture and Rural Affairs (Melbourne).
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Teelthandleiding, Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond
Tekhnicheskie Kul'tury
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Testarea Pesticidelor
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Tierärztliche Praxis
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Toxicon (Oxford)
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Transactions of the ASAE
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Transgenic Research
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Trends in Ecology & Evolution
Tropical Agriculture
Tropical and Geographical Medicine
Tropical Ecology
Tropical Grasslands
Tropical Lepidoptera
Tropical Pest Management
Tsitologiya i Genetika
Turrialba
TVA Fertilizer Publications
Two and a Bud
Työtehoseuran Metsätiedote
Ukraïns'kiĭ Botanīchniĭ Zhurnal
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Uzbekskiĭ Biologicheskiĭ Zhurnal
Växtodling
VDI/MEG Kolloquium Agrartechnik
Vedecké Práce Výskumného Ústavu Lúk a Pasienkov v Banskej Bystrici
Vedecké Práce Výskumného Ústavu Rastelinnej Výroby v Piešťanoch, Obilniny a Strukoviny
Verband Deutscher Landwirtschaftlicher Untersuchungs- und Forschungsanstalten, Reihe Kongressberichte
Verbondsnieuws voor de Belgische Sierteelt
Veroffentlichungen des Geobotanischen Institutes der ETH, Stiftung Rubel, Zurich
Verslag - Centrum voor Agrobiologisch Onderzoek
Vestnik Sel'skokhozyaĭstvennoĭ Nauki (Moskva)
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Wood Science and Technology
World Journal of Microbiology & Biotechnology
Xenobiotica
Zashchita Rasteniĭ (Moskva)
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Zaštita Bilja
Zeitschrift für die Gesamte Hygiene und ihre Grenzgebiete
Zeitschrift für Kulturtechnik und Landentwicklung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
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Zemledelie
Zentralblatt für Mikrobiologie
Zeszyty Naukowe - Akademii Rolniczej w Szczecinie, Rolnictwo
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Zhejiang Agricultural Sciences
Zhurnal Obshchei Biologii
Živočišná Výroba
Zoologicheskiĭ Zhurnal
Zoologische Jahrbücher, Abteilung für Systematik, Ökologie und Geographie der Tiere

List of common names and abbreviations employed for currently used herbicides in *Weed Abstracts*

Unmarked names are those approved by the International Organization for Standardization (ISO)
An asterisk (*) signifies approval by the British Standards Institution (BSI)
A dagger (†) signifies approval by the Weed Science Society of America (WSSA) or ANSI
A plus (+) signifies trivial or unofficial names

acetochlor	2-chloro-*N*-ethoxymethyl-6′-ethylacet-*o*-toluidide
acifluorfen	5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoic acid
aclonifen	2-chloro-6-nitro-3-phenoxyaniline
acrolein*	acrylaldehyde
alachlor	α-chloro-2′,6′-diethyl-*N*-methoxymethylacetanilide
allidochlor	*N*,*N*-diallyl-2-chloroacetamide
alloxydim	methyl (*E*-(*RS*)-3-[1-(-allyloxyimino)butyl]-4-hydroxy-6,6-dimethyl-2-oxocyclohex-3-enecarboxylate
ametridione	1-amino-6-ethylthio-3-neopentyl-1,3,5-triazine-2,4(1*H*,3*H*)-dione
ametryn	N^2-ethyl-N^4-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine
amibuzin	6-*tert*-butyl-3-dimethylamino-4-methyl-1,2,4-triazin-5(4*H*)-one
amidosulfuron	1-(4,6-dimethoxypyrimidin-2-yl)-3-mesyl(methyl)sulfamoylurea
amiprofos-methyl	*O*-methyl *O*-2-nitro-*p*-tolyl isopropylphosphoramidothioate
amitrole	3-amino-1*H*-1,2,4-triazole
anilofos	*S*-4-chloro-*N*-isopropylcarbaniloylmethyl *O*,*O*-dimethyl phosphorodithioate
asulam	methyl 4-aminophenylsulfonylcarbamate
atraton	N^2-ethyl-N^4-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine
atrazine	6-chloro-N^2-ethyl-N^4-isopropyl-1,3,5-triazine-2,4-diamine
aziprotryne	4-azido-*N*-isopropyl-6-methylthio-1,3,5-triazin-2-ylamine
barban	4-chlorobut-2-ynyl 3-chlorocarbanilate
benazolin	4-chloro-2,3-dihydro-2-oxo-1,3-benzothiazol-3-ylacetic acid
benfluralin	*N*-butyl-*N*-ethyl-α,α,α-trifluoro-2,6-dinitro-*p*-toluidine
benfuresate	2,3-dihydro-3,3-dimethylbenzofuran-5-yl ethanesulfonate
bensulfuron	α-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-*o*-toluic acid
bensulide	*O*,*O*-di-isopropyl *S*-2-phenylsulfonylaminoethyl phosphorodithioate
bentazone	3-isopropyl-1*H*-2,1,3-benzothiadiazin-4-(3*H*)-one 2,2-dioxide
benzadox*	benzamido-oxyacetic acid
benzipram	*N*-benzyl-*N*-isopropyl-3,5-dimethylbenzamide
benzofenap	2-[4-(2,4-dichloro-*m*-toluoyl)-1,3-dimethylpyrazol-5-yloxy]-4′-methylacetophenone
benzoylprop	*N*-benzoyl-*N*-(3,4-dichlorophenyl)-DL-alanine
benzthiazuron	1-benzothiazol-2-yl-3-methylurea
bifenox	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bilanafos	4-[hydroxy(methyl)phosphinoyl]-L-homoalanyl-L-alanyl-L-alanine
bromacil	5-bromo-3-*sec*-butyl-6-methyluracil
bromobutide	2-bromo-*N*-(α,α-dimethylbenzyl)-3,3-dimethylbutyramide
bromofenoxim	3,5-dibromo-4-hydroxybenzaldehyde 2,4-dinitrophenyloxime
bromoxynil	3,5-dibromo-4-hydroxybenzonitrile
butachlor	*N*-butoxymethyl-α-chloro-2′,6′-diethylacetanilide
butamifos	*O*-ethyl *O*-6-nitro-*m*-tolyl *sec*-butylphosphoramidothioate
butenachlor	(Z)-*N*-but-2-enyloxymethyl-2-chloro-2′,6′-diethylacetanilide
buthidazole	3-(5-*tert*-butyl-1,3,4-thiadiazol-2-yl)-4-hydroxy-1-methyl-2-imidazolidone
buthiuron	1-(5-butylsulfonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea
butralin	*N*-*sec*-butyl-4-*tert*-butyl-2,6-dinitroaniline
buturon	3-(4-chlorophenyl)-1-methyl-1-(1-methylprop-2-ynyl) urea
butylate	*S*-ethyl di-isobutylthiocarbamate
cambendichlor	2,2′-(phenylimino)diethylene bis(3,6-dichloro-*o*-anisate)
carbetamide	(*R*)-1-(ethylcarbamoyl)ethyl carbanilate
chlomethoxyfen	5-(2,4-dichlorophenoxy)-2-nitroanisole
chloramben	3-amino-2,5-dichlorobenzoic acid
chloranocryl	3′,4′-dichloro-2-methylacrylanilide
chlorazifop	(±)-2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionic acid
chlorbromuron	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chlorbufam	1-methylprop-2-ynyl 3-chlorophenylcarbamate
chloreturon	3-(3-chloro-4-ethoxyphenyl)-1,1-dimethylurea
chlorfenac	(2,3,6-trichlorophenyl)acetic acid
chlorfenprop	(±)-2-chloro-3-(4-chlorophenyl)propionic acid
chlorflurenol	2-chloro-9-hydroxyfluorene-9-carboxylic acid
chloridazon	5-amino-4-chloro-2-phenylpyridazin-3(2*H*)-one
chlorimuron	2-(4-chloro-6-methoxypyrimidin-2-ylcarbamoylsulfamoyl)benzoic acid
chlornitrofen	4-nitrophenyl 2,4,6-trichlorophenyl ether
chlorotoluron	3-(3-chloro-*p*-tolyl)-1,1-dimethylurea
chloroxuron	3-[4-(4-chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham	isopropyl 3-chlorocarbanilate
chlorsulfuron	1-(2-chlorophenylsulfonyl)-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea
chlorthal-dimethyl	dimethyl tetrachloroterephthalate
chlorthiamid	2,6-dichlorothiobenzamide
cinmethylin	(1*RS*,2*SR*,4*SR*)-1,4-epoxy-*p*-menth-2-yl 2-methylbenzyl ether
cinosulfuron	1-(4,6-dimethoxy-1,3,5-triazin-2-yl)-3-[2-(2-methoxyethoxy)phenylsulfonyl]urea
cisanilide†	2,5-dimethyl-1-pyrrolidinecarboxanilide
clethodim	(±)-2-[(*E*)-1-[(*E*)-3-chloroallyloxyimino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone
cliodinate	2-chloro-3,5-di-iodo-4-pyridyl acetate
clomazone	2-(2-chlorobenzyl)-4,4-dimethyl-1,2-oxazolidin-3-one
clomeprop	(*RS*)-2-(2,4-dichloro-*m*-tolyloxy)propionanilide

cloproxydim	(±)-2-[1-(3-chloroallyloxy)iminobutyl]-5-(2-ethylthiopropyl)-3-hydroxycyclohex-2-enone
clopyralid	3,6-dichloropyridine-2-carboxylic acid
cyanatryn	2-(4-ethylamino-6-methylthio-1,3,5-triazin-2-ylamino)-2-methylpropionitrile
cyanazine	2-(4-chloro-6-ethylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile
cycloate	*S*-ethyl cyclohexyl(ethyl)thiocarbamate
cycloxydim	(±)-2-[1-(ethoxyimino)butyl]-3-hydroxy-5-thian-3-ylcyclohex-2-enone
cycluron	3-cyclo-octyl-1,1-dimethylurea
cyperquat	1-methyl-4-phenylpyridinium
cyprazine	6-chloro-N^2-cyclopropyl-N^4-isopropyl-1,3,5-triazine-2,4-diamine
cyprazole	*N*-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]cyclopropanecarboxamide
cypromid	3′,4′-dichlorocyclopropanecarboxanilide
2,4-D	(2,4-dichlorophenoxy)acetic acid
daimuron	1-(1-methyl-1-phenylethyl)-3-*p*-tolylurea
dalapon	2,2-dichloropropionic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
delachlor	2-chloro-*N*-(isobutoxymethyl)acet-2′,6′-xylidide
desmedipham	3-ethoxycarbonylaminophenyl phenylcarbamate
desmetryn	N^2-isopropyl-N^4-methyl-6-methylthio-1,3,5-triazine-2,4-diamine
di-allate	*S*-2,3-dichloroallyl di-isopropyl(thiocarbamate)
dicamba	3,6-dichloro-*o*-anisic acid
dichlobenil	2,6-dichlorobenzonitrile
dichloralurea	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea
dichlormate	3,4-dichlorobenzyl methylcarbamate
dichlorprop	(*RS*)-2-(2,4-dichlorophenoxy)propionic acid
dichlorprop-P	(*R*)-2-(2,4-dichlorophenoxy)propionic acid
diclofop	(*RS*)-2-[4-(2,4-dichlorophenoxy)phenoxy]propionic acid
diethamquat	1,1′-bis(diethylcarbamoylmethyl)-4,4′-bipyridyl-1,1′-diylium
diethatyl	*N*-chloroacetyl-*N*-(2,6-diethylphenyl)glycine
difenopenten	(*E*)-(±)-4-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]pent-2-enoic acid
difenoxuron	3-[4-(4-methoxyphenoxy)phenyl]-1,1-dimethylurea
difenzoquat	1,2-dimethyl-3,5-diphenylpyrazolium
diflufenican	2′,4′-difluoro-2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide
dimefuron	3-[4-(5-*tert*-butyl-2,3-dihydro-2-oxo-1,3,4-oxadiazol-3-yl)-3-chlorophenyl]-1,1-dimethylurea
dimepiperate	*S*-1-methyl-1-phenylethyl piperidine-1-carbothioate
dimethachlor	2-chloro-*N*-(2-methoxyethyl)acet-2′,6′-xylidide
dimethametryn	N^2-(1,2-dimethylpropyl)-N^4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine
dimexano	*O*,*O*-diethyl dithiobis(thioformate)
dimidazon	4,5-dimethoxy-2-phenylpyridazin-3(2*H*)-one
dinitramine	N^1,N^1-diethyl-2,6-dinitro-4-trifluoromethyl-*m*-phenylenediamine
dinoseb	2-*sec*-butyl-4,6-dinitrophenol
dinoterb	2-*tert*-butyl-4,6-dinitrophenol
diphenamid	*N*,*N*-dimethyldiphenylacetamide
dipropetryn	6-ethylthio-N^2,N^4-di-isopropyl-1,3,5-triazine-2,4-diamine
diquat	9,10-dihydro-8a,10a-diazoniaphenanthrene
disul	2-(2,4-dichlorophenoxy)ethyl hydrogen sulfate
dithiopyr	*S*,*S*′-dimethyl 2-difluoromethyl-4-isobutyl-6-trifluoromethylpyridine-3,5-dicarbothioate
diuron	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro-*o*-cresol
DSMA†	disodium methylarsonate
eglinazine	*N*-(4-chloro-6-ethylamino-1,3,5-triazin-2-yl)glycine
endothal*	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
epronaz	1-(*N*-ethyl-*N*-propylcarbamoyl)-3-propylsulfonyl-1*H*-1,2,4-triazole
EPTC	*S*-ethyl dipropylthiocarbamate
erbon	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
esprocarb	*S*-benzyl 1,2-dimethylpropyl(ethyl)thiocarbamate
ethalfluralin	*N*-ethyl-α,α,α-trifluoro-*N*-(2-methylallyl)-2,6-dinitro-*p*-toluidine
ethametsulfuron	2-(4-ethoxy-6-methylamino-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoic acid
ethidimuron	1-(5-ethylsulfonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea
ethiolate	*S*-ethyl diethylthiocarbamate
ethofumesate	(±)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methanesulfonate
etnipromid	(*RS*)-2-[5-(2,4-dichlorophenoxy)-2-nitrophenoxy]-*N*-ethylpropionamide
fenasulam	methyl 4-[2-(4-chloro-*o*-tolyloxy)acetamido]phenylsulfonylcarbamate
fenoprop	(±)-2-(2,4,5-trichlorophenoxy)propionic acid
fenoxaprop	(±)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxyl]propionic acid
fenoxaprop-P	(*R*)-2-[4-(6-chloro-1,3-benzoxazol-2-yloxy)phenoxyl]propionic acid
fenteracol	2-(2,4,5-trichlorophenoxy)ethanol
fenthiaprop	(±)-2-[4-(6-chloro-1,3-benzothiazol-2-yloxy)phenoxy]propionic acid
fenuron	1,1-dimethyl-3-phenylurea
flamprop	*N*-benzoyl-*N*-(3-chloro-4-fluorophenyl)-DL-alanine
flamprop-M	*N*-benzoyl-*N*-(3-chloro-4-fluorophenyl)-D-alanine
flazasulfuron	1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-trifluoromethyl-2-pyridylsulfonyl)urea
fluazifop	(*RS*)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid
fluazifop-P	(*R*)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid
fluchloralin	*N*-(2-chloroethyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)aniline
flufenican	2-(α,α,α-trifluoro-*m*-tolyloxy)nicotinanilide
flumipropyn	(±)-*N*-[4-chloro-2-fluoro-5-(1-methylprop-2-ynyloxy)phenyl]cyclohex-1-ene-1,2-dicarboximide
fluometuron	1,1-dimethyl-3-(α,α,α-trifluoro-*m*-tolyl)urea
fluorodifen	4-nitrophenyl α,α,α-trifluoro-2-nitro-*p*-tolyl ether
fluoroglycofen	*O*-[5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoyl]glycolic acid
fluoromidine	6-chloro-2-trifluoromethyl-3*H*-imidazo[4,5-*b*]pyridine
fluoronitrofen	2,4-dichloro-6-fluorophenyl 4-nitrophenyl ether

fluothiuron	3-[3-chloro-4-(chlorodifluoromethylthio)phenyl]-1,1-dimethylurea
flupoxam	1-[4-chloro-α-(2,2,3,3,3-pentafluoropropoxy)-*m*-tolyl]-5-phenyl-1*H*-1,2,4-triazole-3-carboxamide
flupropanate	2,2,3,3-tetrafluoropropionic acid
flurenol	9-hydroxyfluorene-9-carboxylic acid
fluridone	1-methyl-3-phenyl-5-(α,α,α-trifluoro-*m*-tolyl)-4-pyridone
flurochloridone	(3*RS*,4*RS*;3*RS*,4*SR*)-3-chloro-4-chloromethyl-1-(α,α,α-trifluoro-*m*-tolyl)-2-pyrrolidone
fluroxypyr	4-amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid
flurtamone	(*RS*)-5-methylamino-2-phenyl-4-(α,α,α-trifluoro-*m*-tolyl)furan-3(2*H*)-one
fomesafen	5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-*N*-methylsulfonyl-2-nitrobenzamide
fosamine	ethyl hydrogen carbamoylphosphonate
furyloxyfen	(±)-5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrophenyl tetrahydro-3-furyl ether
glufosinate	DL-homoalanin-4-yl(methyl)phosphinic acid
glyphosate	*N*-(phosphonomethyl)glycine
halosafen	5-(2-chloro-α,α,α,6-tetrafluoro-*p*-tolyloxy)-*N*-ethylsulfonyl-2-nitrobenzamide
haloxydine	3,5-dichloro-2,6-difluoropyridin-4-ol
haloxyfop	(*RS*)-2-[4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid
hexaflurate†	potassium hexafluoroarsenate
hexazinone	3-cyclohexyl-6-dimethylamino-1-methyl-1,3,5-triazine-2,4-(1*H*,3*H*)-dione
imazamethabenz	(±)-6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*m*-toluic acid, and (±)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*p*-toluic acid
imazapyr	2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid
imazaquin	(*RS*)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)quinoline-3-carboxylic acid
imazethapyr	(*RS*)-5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid
imazosulfuron	1-(2-chloroimidazo[1,2-*a*]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea
ioxynil	4-hydroxy-3,5-di-iodobenzonitrile
isocarbamid	*N*-isobutyl-2-oxoimidazolidine-1-carboxamide
isomethiozin	6-*tert*-butyl-4-isobutylideneamino-3-methylthio-1,2,4-triazin-5(4*H*)-one
isopolinate	*S*-isopropyl perhydroazepine-1-carbothioate
isopropalin	4-isopropyl-2,6-dinitro-*N*,*N*-dipropylaniline
isoproturon	3-(4-isopropylphenyl)-1,1-dimethylurea
isouron	3-(5-*tert*-butylisoxazol-3-yl)-1,1-dimethylurea
isoxaben	*N*-[3-(1-ethyl-1-methylpropyl)isoxazol-5-yl]-2,6-dimethoxybenzamide
isoxapyrifop	(*RS*)-2-[2-[4-(3,5-dichloro-2-pyridyloxy)phenoxy]propionyl]-1,2-oxazolidine
karbutilate	3-(3,3-dimethylureido)phenyl *tert*-butylcarbamate
lactofen	ethyl *O*-[5-(2-chloro-α,α,α-trifluoro-*p*-tolyloxy)-2-nitrobenzoyl]-DL-lactate
lenacil	3-cyclohexyl-1,5,6,7-tetrahydrocyclopentapyrimidine-2,4(3*H*)-dione
linuron	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAMA†	ammonium hydrogen methylarsonate
MCPA	4-chloro-*o*-tolyloxyacetic acid
MCPB	4-(4-chloro-*o*-tolyloxy)butyric acid
mecoprop	(*RS*)-2-(4-chloro-*o*-tolyloxy)propionic acid
mecoprop-P	(*R*)-2-(4-chloro-*o*-tolyloxy)propionic acid
medinoterb	6-*tert*-butyl-2,4-dinitro-*m*-cresol
mefenacet	2-(1,3-benzothiazol-2-yloxy)-*N*-methylacetanilide
mefluidide	5′-(1,1,1-trifluoromethanesulfonamido)acet-2′,4′-xylidide
metamitron	4-amino-3-methyl-6-phenyl-1,2,4-triazin-5(4*H*)-one
metazachlor	2-chloro-*N*-(pyrazol-1-ylmethyl)acet-2′,6′-xylidide
metflurazon	4-chloro-5-dimethylamino-2-(α,a,α-trifluoro-*m*-tolyl)pyridazin-3(2*H*)-one
methabenzthiazuron	1-benzothiazol-2-yl-1,3-dimethylurea
methalpropalin	α,α,α-trifluoro-*N*-(2-methylallyl)-2,6-dinitro-*N*-propyl-*p*-toluidine
methazole*	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
methiobencarb	*S*-4-methoxybenzyl diethylthiocarbamate
methometon	6-methoxy-N^2,N^4-bis(3-methoxypropyl)-1,3,5-triazine-2,4-diamine
methoprotryne	N^2-isopropyl-N^4-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine
metobenzuron	(±)-1-methoxy-3-[4-(2-methoxy-2,4,4-trimethylchroman-7-yloxy)phenyl]-1-methylurea
metobromuron	3-(4-bromophenyl)-1-methoxy-1-methylurea
metolachlor	2-chloro-6′-ethyl-*N*-(2-methoxy-1-methylethyl)acet-*o*-toluidide
metoxuron	3-(3-chloro-4-methoxyphenyl)-1,1-dimethylurea
metribuzin	4-amino-6-*tert*-butyl-3-methylthio-1,2,4-triazin-5(4*H*)-one
metsulfuron	2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)benzoic acid
molinate	*S*-ethyl perhydroazepine-1-thiocarboxylate
monalide	4′-chloro-2,2-dimethylvaleranilide
monisouron	1-(5-*tert*-butylisoxazol-3-yl)-3-methylurea
monolinuron	3-(4-chlorophenyl)-1-methoxy-1-methylurea
monuron	3-(4-chlorophenyl)-1,1-dimethylurea
morfamquat	1,1′-bis(3,5-dimethylmorpholinocarbonylmethyl)-4,4′-bipyridyldiylium
MSMA†	sodium hydrogen methylarsonate
napropamide	(*RS*)-*N*,*N*-diethyl-2-(1-naphthyloxy)propionamide
naptalam	*N*-1-naphthylphthalamic acid
neburon	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nicosulfuron	1-(4,6-dimethoxypyrimidin-2-yl)-3-(3-dimethylcarbamoyl-2-pyridylsulfonyl)urea
nipyraclofen	1-(2,6-dichloro-α,α,α-trifluoro-*p*-tolyl)-4-nitropyrazol-5-ylamine
nitralin	4-methylsulfonyl-2,6-dinitro-*N*,*N*-dipropylaniline
nitrofen	2,4-dichlorophenyl 4-nitrophenyl ether
nitrofluorfen	2-chloro-α,α,α-trifluoro-*p*-tolyl 4-nitrophenyl ether
norflurazon	4-chloro-5-methylamino-2-(α,α,α-trifluoro-*m*-tolyl)pyridazin-3(2*H*)-one
noruron	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
orbencarb	*S*-2-chlorobenzyl diethylthiocarbamate
oryzalin	3,5-dinitro-N^4,N^4-dipropylsulfanilamide
oxadiazon	5-*tert*-butyl-3-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazol-2(3*H*)-one
oxyfluorfen	2-chloro-α,α,α-trifluoro-*p*-tolyl 3-ethoxy-4-nitrophenyl ether

paraquat	1,1′-dimethyl-4,4′-bipyridinium
pebulate	*S*-propyl butyl(ethyl)thiocarbamate
pendimethalin	*N*-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine
pentachlorophenol	sodium pentachlorophenate
pentanochlor	*N*-(3-chloro-*p*-tolyl)-2-methylvaleramide
perfluidone	1,1,1-trifluoro-*N*(4-phenylsulfonyl-*o*-tolyl)methanesulfonamide
phenisopham	3-(isopropoxycarbonylamino)phenyl *N*-ethylcarbanilate
phenmedipham	3-methoxycarbonylaminophenyl 3′-methylcarbanilate
phenmedipham-ethyl	3-ethoxycarbonylaminophenyl 3′-methylcarbanilate
phenobenzuron	1-benzoyl-1-(3,4-dichlorophenyl)-3,3-dimethylurea
picloram	4-amino-3,5,6-trichloropicolinic acid
piperophos	*S*-2-methylpiperidinocarbonylmethyl *O*,*O*-dipropyl phosphorodithioate
pretilachlor	2-chloro-2′,6′-diethyl-*N*-(2-propoxyethyl)acetanilide
primisulfuron	2-[4,6-bis(difluoromethoxy)pyrimidin-2-ylcarbamoylsulfamoyl]benzoic acid
procyazine	2-(4-chloro-6-cyclopropylamino-1,3,5-triazin-2-ylamino)-2-methylpropionitrile
prodiamine	2,6-dinitro-N^1,N^1-dipropyl-4-trifluoromethyl-*m*-phenylenediamine
profluralin	*N*-(cyclopropylmethyl)-α,α,α-trifluoro-2,6-dinitro-*N*-propyl-*p*-toluidine
proglinazine	*N*-(4-chloro-6-isopropylamino-1,3,5-triazin-2-yl)glycine
prometon	N^2,N^4-di-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine
prometryn	N^2,N^4-di-isopropyl-6-methylthio-1,3,5-triazine-2,4-diamine
propachlor	α-chloro-*N*-isopropylacetanilide
propanil	3′,4′-dichloropropionanilide
propaquizafop	2-isopropylideneamino-oxyethyl (*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate
propazine	6-chloro-N^2,N^4-di-isopropyl-1,3,5-triazine-2,4-diamine
propham	isopropyl phenylcarbamate
propyzamide	3,5-dichloro-*N*-(1,1-dimethylpropynyl)benzamide
prosulfalin	*N*-(4-dipropylamino-3,5-dinitrophenylsulfonyl)-*S*,*S*-dimethylsulfimide
prosulfocarb	*S*-benzyl dipropylthiocarbamate
prynachlor	2-chloro-*N*-(1-methylprop-2-ynyl)acetanilide
pyrazolynate	4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl toluene-4-sulfonate
pyrazosulfuron	5-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-1-methylpyrazole-4-carboxylic acid
pyrazoxyfen	2-[4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone
pyributicarb	*O*-3-*tert*-butylphenyl 6-methoxy-2-pyridyl(methyl)thiocarbamate
pyridate	6-chloro-3-phenylpyridazin-4-yl *S*-octyl thiocarbonate
quinclorac	3,7-dichloroquinoline-8-carboxylic acid
quinmerac	7-chloro-3-methylquinoline-8-carboxylic acid
quinoclamine	2-amino-3-chloro-1,4-naphthoquinone
quinonamid	2,2-dichloro-*N*-(3-chloro-1,4-naphthoquinon-2-yl)acetamide
quizalofop	(*RS*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid
quizalofop-P	(*R*)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionic acid
sebuthylazine	N^2-*sec*-butyl-6-chloro-N^4-ethyl-1,3,5-triazine-2,4-diamine
secbumeton	N^2-*sec*-butyl-N^4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine
sethoxydim	(±)-(*EZ*)-2-(1-ethoxyiminobutyl)-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone
siduron	1-(2-methylcyclohexyl)-3-phenylurea
simazine	6-chloro-N^2,N^4-diethyl-1,3,5-triazine-2,4-diamine
simetryn	2,4-bis(ethylamino)-6-methylthio-1,3,5-triazine
SMA+	sodium monochloroacetate
sulfallate	2-chloroally diethyldithiocarbamate
sulfometuron	2-[3-(4,6-dimethylpyrimidin-2-yl)ureidosulfonyl]benzoic acid
sulglycapin	azepan-1-ylcarbonylmethyl methylsulfamate
swep†	methyl 3,4-dichlorocarbanilate
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
2,4,5-TB	4-(2,4,5-trichlorophenoxy)butyric acid
2,3,6-TBA	2,3,6-trichlorobenzoic acid
TCA	trichloroacetic acid
tebutam	*N*-benzyl-*N*-isopropylpivalamide
tebuthiuron	1-(5-*tert*-butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea
terbacil	3-*tert*-butyl-5-chloro-6-methyluracil
terbucarb	2,6-di-*tert*-butyl-*p*-tolyl methylcarbamate
terbuchlor	*N*-butoxymethyl-6′-*tert*-butyl-2-chloroacet-*o*-toluidide
terbumeton	N^2-*tert*-butyl-N^4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine
terbuthylazine	N^2-*tert*-butyl-6-chloro-N^4-ethyl-1,3,5-triazine-2,4-diamine
terbutryn	N^2-*tert*-butyl-N^4-ethyl-6-methylthio-1,3,5-triazine-2,4-diamine
tetrafluron	1,1-dimethyl-3-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiazafluron	1,3-dimethyl-1-(5-trifluoromethyl-1,3,4-thiadiazol-2-yl)urea
thifensulfuron	3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)thiophen-2-carboxylic acid
thiobencarb	*S*-4-chlorobenzyl diethylthiocarbamate
tiocarbazil	*S*-benzyl di-*sec*-butylthiocarbamate
tralkoxydim	2-[1-(ethoxyimino)propyl]-3-hydroxy-5-mesitylcyclohex-2-enone
tri-allate	*S*-2,3,3-trichloroallyl di-isopropyl(thiocarbamate)
triasulfuron	1-[2-(2-chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)urea
tribenuron	2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoic acid
triclopyr	3,5,6-trichloro-2-pyridyloxyacetic acid
tridiphane	(*RS*)-2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trietazine	6-chloro-N^2,N^2,N^4-triethyl-1,3,5-triazine-2,4-diamine
trifluralin	α,α,α-trifluoro-2,6-dinitro-*N*,*N*-dipropyl-*p*-toluidine
trifop	(*RS*)-2-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]propionic acid
trifopsime	acetone (*R*)-*O*-[2-[4-(α,α,α-trifluoro-*p*-tolyloxy)phenoxy]propionyl]oxime
trimeturon*	3-(4-chlorophenyl)-1,1,2-trimethylisourea
tripropindan	6-isopropyl-1,1,4-trimethyl-5-propionylindane
vernolate	*S*-propyl dipropylthiocarbamate

INFORMATION SERVICES AND PUBLICATIONS

Almost 100 scientists/linguists in CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 12,000 serials and many other publications are scanned, and about 150,000 bibliographic records are compiled each year. From this computerized database, known as CAB ABSTRACTS, is derived a wide range of information services and products in printed and electronic form, designed to meet a variety of customer needs.

JOURNALS

Animal Science and Production
Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts and Reviews, Series B–Livestock Feeds and Feeding; Pig News and Information; Poultry Abstracts; Meat Focus International.

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Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical and Veterinary Entomology; Review of Medical and Veterinary Mycology; Veterinary Bulletin.

Crop Science and Production
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Forestry
Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.

Crop Protection
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Economics, Development and Sociology
Leisure, Recreation and Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics and Rural Sociology Abstracts.

Machinery and Buildings
Agricultural Engineering Abstracts.

Human Nutrition
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Printed by Unwin Brothers Ltd., The Gresham Press, Old Woking, Surrey, U.K.
A Member of the Martins Printing Group

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The Organization
CAB International (CABI) is an international, inter-governmental organization. It is owned by its member governments; these currently number 34, but membership is open to any others wishing to participate. Established in 1928, the organization provides information, scientific and development services for agriculture and allied disciplines throughout the world.

Information Services
The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database (CAB ABSTRACTS) of research on agriculture, forestry, the environment, applied social sciences and aspects of human medicine.

Relevant scientific and technical literature is acquired worldwide for abstracting and indexing by almost 100 scientists/linguists in five divisions:

Animal Health & Medical Parasitology
Animal Production & Human Nutrition
Crop Protection & Genetics
Crop Production
Natural Resources, Forestry & Economics

Further material is acquired and processed by collaborating or contracted organizations.

Abstract journals and electronic products derived from the database, and online access to it, provide unique sources of information for research scientists, development planners, educators and students.

The Information Services also publish primary journals and books, and offer training for information professionals, especially from developing countries.

Scientific Services
CABI's Scientific Services consist of four institutes and Library Services:

International Institute of Entomology
Acting Director, Prof. T. Jones, located at 56 Queen's Gate, London, and in the Natural History Museum.

International Mycological Institute
Director, Professor D.L. Hawksworth, located at Bakeham Lane, Egham, Surrey, TW20 9TY.

International Institute of Parasitology
Director, Dr R. Muller, located at Winches Farm, St Albans, Herts, AL4 0XU.

International Institute of Biological Control,
Director, Dr J.K. Waage, has its headquarters at Silwood Park, Ascot and stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia.

These Institutes provide an authoritative identification service for agricultural pests and other organisms, a biocontrol service, and conduct research, implement projects, and provide training in their fields of expertise.

Library Services
Manager, Mr C.J. Hamilton, have headquarters at Silwood Park, and operate document delivery and translation services.

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